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TO Project Team

FROM Kelley Savage, Phil Hendricks, Jr.

DATE June 9, 2006

CC File

SUBJECT Willow Creek Access Site Evaluation

Potential access points into the Willow Creek property were reviewed in the field on May 10, 2006. Potential sites were evaluated using several criteria for their ability to provide appropriate access. The locations of the sites are illustrated in Map 1.0.

The attached Table 1.0 includes a summary of the evaluations, with the evaluation being "+" positive, "0" neutral, or "-" negative. These assessments are not intended to be a recommendation against or for a specific site, only create the ability to evaluate the sites within the context of the General Plan Update and future Trails Plan. The assessment is intended to be a cursory review only. Table 2.0, includes previous preliminary assessments provided by DPR for reference.

Photos of each site are included in Exhibits 1.0 – 3.0, and are intended to illustrate the overall size, location and character of each site.

Based on field observations, Figures 1.0 – 9.0 illustrate the potential configuration of the developed access points. These illustrations are conceptual in nature and are only based on field observations and measurements. Numbers of parking spaces are estimated and are intended to provide order-of-magnitude quantities. Accurate on-site information regarding drainage, slopes, vegetation, cultural surveys, road and traffic studies will determine exact configurations of each site. No detailed base mapping was available or utilized for this evaluation study. Type and size of access facilities are to be determined by visitor and operational needs and with detailed mapping and site specific resource information that is available.

General Comments and Discussion

- Establish setback distances from use areas to sensitive habitat and resources such as Willow Creek.
- Implement Best Management Practices for stormwater management at all developed sites to minimize erosion impacts to resources.
- Establish policies for use of each site, time of day, locked gates, maintenance procedures, maximum capacities, etc.
- Determine approximate maximum/average size of truck/horse trailer combinations using the Willow Creek area, to assist in development of standard facility sizes.
- Sites that will provide access to accessible trails or facilities should meet current accessibility standards. Consider review of draft Recommendations for Accessibility Guidelines: Outdoor Developed Areas developed by the U.S. Architectural and Transportation Barriers Compliance Board.

- Consider utilizing existing mature vegetation or strategically planting vegetation during construction of the sites to minimize visual impacts to Park visitors and surrounding uses.
- Recommend Cultural studies to determine any potential project impacts.

Lower Willow Creek Road

Site A

General Description

- South side of the Willow Creek Road.
- Willow Creek and significant riparian vegetation adjacent to the southern edge of the site.
- Site slopes toward the Creek at approximately 2-5% grade.
- Open area approximately 500' x 300' from roadway to Creek at its maximum width. Open area has been significantly disturbed by erosion and flood flows originating on the roadway at the eastern edge of the site.

Potential Use

- This site is well suited for a larger, primary access. Equestrian trailer parking could be accommodated in this area, as well as additional vehicle parking. Site is geographically centrally located.
- Other day use, such as picnicking could also be accommodated at this site.
- Potential exists for trail connections into the park from this area through the conservation easement.

Considerations

- Willow Creek Road would serve as the trail for access into upper reaches of the park. Users will have to pass on-foot through the private ranch site on the road, creating potential conflicts. A trail connecting this site past the ranch would help alleviate potential conflicts.
- Development setbacks from the riparian area may be needed to protect the Creek corridor.
- Upstream drainage improvements would be necessary to maintain any facilities on this site without continued significant erosion.
- Use of Best Management Practices (BMP's) for stormwater run-off would be recommended at this site to maintain water quality within the Creek.
- Views into the site from other areas of the Park are minimal.

Lower Willow Creek Road

Site B

General Description

- South side of the Willow Creek Road.
- Site is surrounded by riparian vegetation on three sides.
- Site slopes toward the Creek at approximately 2-5% grade.
- Open area approximately 100' x 200' from roadway to riparian vegetation. Open area has been significantly disturbed by erosion and flood flows originating on the roadway at the eastern edge of the site.

Potential Use

- This site is well suited for a larger, primary access. Equestrian trailer parking could be accommodated in this area, as well as additional vehicle parking. Site is geographically centrally located.
- Other day use, such as picnicking could also be accommodated at this site.
- An adjacent bench on the north side of the road is somewhat elevated and may provide a good opportunity for a picnic site with views of the Willow Creek Valley.

- This site is slightly farther from potential trail connections through the conservation easement, causing users to utilize the road for a longer distance.

Considerations

- Grade drops several feet from the road onto the site, and the roadway also curves sharply in this area. An access road would need to be graded in to allow good visibility.
- Willow Creek Road would serve as the trail for access into upper reaches of the park. Users will have to pass on-foot through the private ranch site on the road, creating potential conflicts. A trail connecting this site past the ranch would help alleviate potential conflicts.
- Development setbacks from the riparian area may be needed to protect the Creek corridor.
- If large amounts of parking or separation of users is desired, equestrian parking could be provided at Site A and vehicle only parking at Site B.
- Views into the site are possible from the ridge to the west.

Lower Willow Creek Road

Site C

General Description

- North side of the Willow Creek Road.
- Open area approximately 75' x 200'.
- Site is within the forest canopy and has mature trees surrounding the open area.
- Site slopes toward the road at approximately 2-5% grade.

Potential Use

- This is the smallest of the Lower Willow Creek sites and is well suited for a smaller, secondary access. Equestrian trailer parking could not be accommodated in this area, due to the small size of the open area and lack of turn-around space.
- A small picnic site could also be accommodated at this location.
- The site is much further into the Park than sites A or B, allowing quicker access into the upper reaches of Willow Creek.

Considerations

- Site C could be used for vehicle only parking, with a small amount of equestrian parking occurring at Site D.
- Hazard trees may be a problem at this site.
- This site potentially contains Spotted Owl habitat. Surveying may be needed prior to any improvements.

Lower Willow Creek Road

Site D

General Description

- North side of the Willow Creek Road.
- Open area approximately 150' x 200'.
- Site is within the forest canopy (redwood) and has mature trees surrounding the open area.
- Site slopes toward the road at approximately 2-5% grade.

Potential Use

- This site is slightly larger than Site C, and may allow some equestrian use. The turn-around area should accommodate smaller truck-trailer combinations as well as a small number of vehicle sites as a secondary access.
- Approximately 6-8 vehicles will fit into this site.

- A small picnic site could also be accommodated at this location.
- The site is much further into the Park than sites A or B, allowing quicker access into the upper reaches of Willow Creek.

Considerations

- Site C could be used for vehicle only parking, with a small amount of equestrian parking occurring at Site D.
- Hazard trees may be a problem at this site.
- An old logging road begins at this site, heading north up a drainage. This may provide a logical location for a future trail into the park.
- This site potentially contains Spotted Owl habitat. Surveying may be needed prior to any improvements.
- Seasonally wet site, may be subject to drainage problems

Upper Willow Creek Road

Site A

General Description

- South side of the Willow Creek Road.
- Located on ridge top at the termination of the road.
- Site slopes at approximately 4-6% grade.
- Open areas approximately 300' x 150' within gently sloping ridge-top, steeper slopes occur at outlying edges.

Potential Use

- This site will accommodate a larger, primary access, but safe entry and exit from the County Road and neighborhood concerns may relegate the site to secondary status. Equestrian trailer parking could be accommodated in this area, as well as additional vehicle parking.
- Other day use, such as picnicking could also be accommodated at this site.
- The site would provide convenient access into the upper portions of the planned trail system.

Considerations

- Due to the large, open nature of this site, it is highly visible from the access road while entering and potentially visible by surrounding residences and other locations in the park. At least one residence is clearly visible from the site.
- The access road into the site is very long for the potentially small number of users it will serve. This road will need maintenance and improvements.
- Accesses on the upper paved reaches of the County Road are problematic. The road is not wide enough for two vehicles to pass safely, especially if trailer use will be accommodated at this site. Tight radius turns and adjacent vegetation also make the access difficult. Encouraging more use in this area may result in traffic issues.
- Geologic instability occurs in the form of hillside creep. Geology and engineering studies required.
- A traffic study may be warranted to determine comprehensive impacts and potential solutions to the above traffic concerns.

Upper Willow Creek Road

Site B

General Description

- South side of the Willow Creek Road.
- Located several hundred yards uphill on the access road from Site A.
- Site slopes at approximately 4-6% grade.
- Open area approximately 200' x 150' at the toe of road side slope.

Potential Use

- This site will accommodate a larger, primary access, but safe entry and exit from the County Road and neighborhood concerns may relegate the site to secondary status. Equestrian trailer parking could be accommodated in this area, as well as additional vehicle parking.
- Other day use, such as picnicking could also be accommodated at this site.
- The site would provide convenient access into the upper portions of the planned trail system.

Considerations

- This site has better potential to be screened from view than Site A. Existing mature evergreens and large shrubs at the perimeter of the site significantly lessen the views into the site from the access road, and potentially from within the Park and neighboring residences. Visual studies would need to be completed to determine the exact visual impacts.
- The access road into the site is very long for the potentially small number of users it will serve. This road will need maintenance and improvements.
- A curved, sloped access off the main road will be necessary to make up grade down into the site.
- Accesses on the upper paved reaches of the County Road are problematic. The road is not wide enough for two vehicles to pass safely, especially if trailer use will be accommodated at this site. Tight radius turns and adjacent vegetation also make the access difficult. Encouraging more use in this area may result in traffic issues.
- Geologic instability occurs in the form of hillside creep. Geology and engineering studies required.
- A traffic study may be warranted to determine comprehensive impacts and potential solutions to the above traffic concerns.
- General site area supports visual evidence of geologic instabilities.

Upper Willow Creek Road**Site C****General Description**

- South side of the Willow Creek Road.
- Located several hundred yards uphill on the access road from Site B and downhill from the washed out road section.
- Site slopes at approximately 4-6% grade.
- Open area approximately 200' x 150' at the toe of road side slope.

Potential Use

- This site will accommodate a larger, primary access, but safe entry and exit from the County Road and neighborhood concerns may relegate the site to secondary status. Equestrian trailer parking could be accommodated in this area, as well as additional vehicle parking.
- Other day use, such as picnicking could also be accommodated at this site.
- The site would provide convenient access into the upper portions of the planned trail system.

Considerations

- This site has better potential to be screened from view than Site A. Existing mature evergreens and large shrubs at the perimeter of the site significantly lessen the views into the site from the access road, and potentially from within the Park and neighboring residences. Visual studies would need to be completed to determine the exact visual impacts.

- The access road into the site is very long for the potentially small number of users it will serve. This road will need maintenance and improvements.
- A curved, sloped access off the main road will be necessary to make up grade down into the site.
- Accesses on the upper paved reaches of the County Road are problematic. The road is not wide enough for two vehicles to pass safely, especially if trailer use will be accommodated at this site. Tight radius turns and adjacent vegetation also make the access difficult. Encouraging more use in this area may result in traffic issues.
- Geologic instability occurs in the form of hillside creep. Geology and engineering studies required.
- A traffic study may be warranted to determine comprehensive impacts and potential solutions to the above traffic concerns.
- General site area supports visual evidence of geologic instabilities.

Coleman Valley Road

General Description

- North side of Coleman Valley Road in the southeast portion of the site.
- Open area approximately 60' x 150'.
- Site is within the forest canopy and has mature trees surrounding the open area.
- Road gradients are approximately 2-5% grade, general slope characteristics of the area are in the above 10% category.
- Located on existing road alignment and access on Coleman Valley Road.

Potential Use

- The remote location of this site makes it well suited as a secondary access.
- The site will accommodate approximately 6 vehicles.
- The site has several options for providing small picnic areas.
- A trail connecting the access point to a viewpoint overlook is easily possible along the existing road alignment. With a few modifications, the trail could be made to meet accessibility requirements.

Considerations

- Road access point is along a hill and curve, making visibility in and out of the access difficult. Roadway signage may be necessary to mitigate potential traffic conflicts. Visibility of cars leaving the trailhead is most problematic to the south, where Coleman Valley Road slopes steeply downhill.
- The access road has a fairly steep grade into the site. Selective clearing and some grading may help increase visibility onto the roadway when exiting the site.
- Although the site arrangement is well-suited to an interpretive featured trail and overlook which could be used by school groups, bus turning distances within the parking area are minimal. Backing-up/3-point turn will most likely be required.
- If encouraging more users at the overlook site, controls such as fencing and signage may be useful in minimizing resource damage.
- If large groups will potentially use the site, a developed gathering site should be developed. This could occur near the parking/access area and could provide picnic and seating areas.
- Hazard trees may be a problem at this site.
- Area would require some grading and earth moving to accommodate reasonable parking and maneuvering space for 6 to 8 vehicle capacity.

Freezeout Creek**General Description**

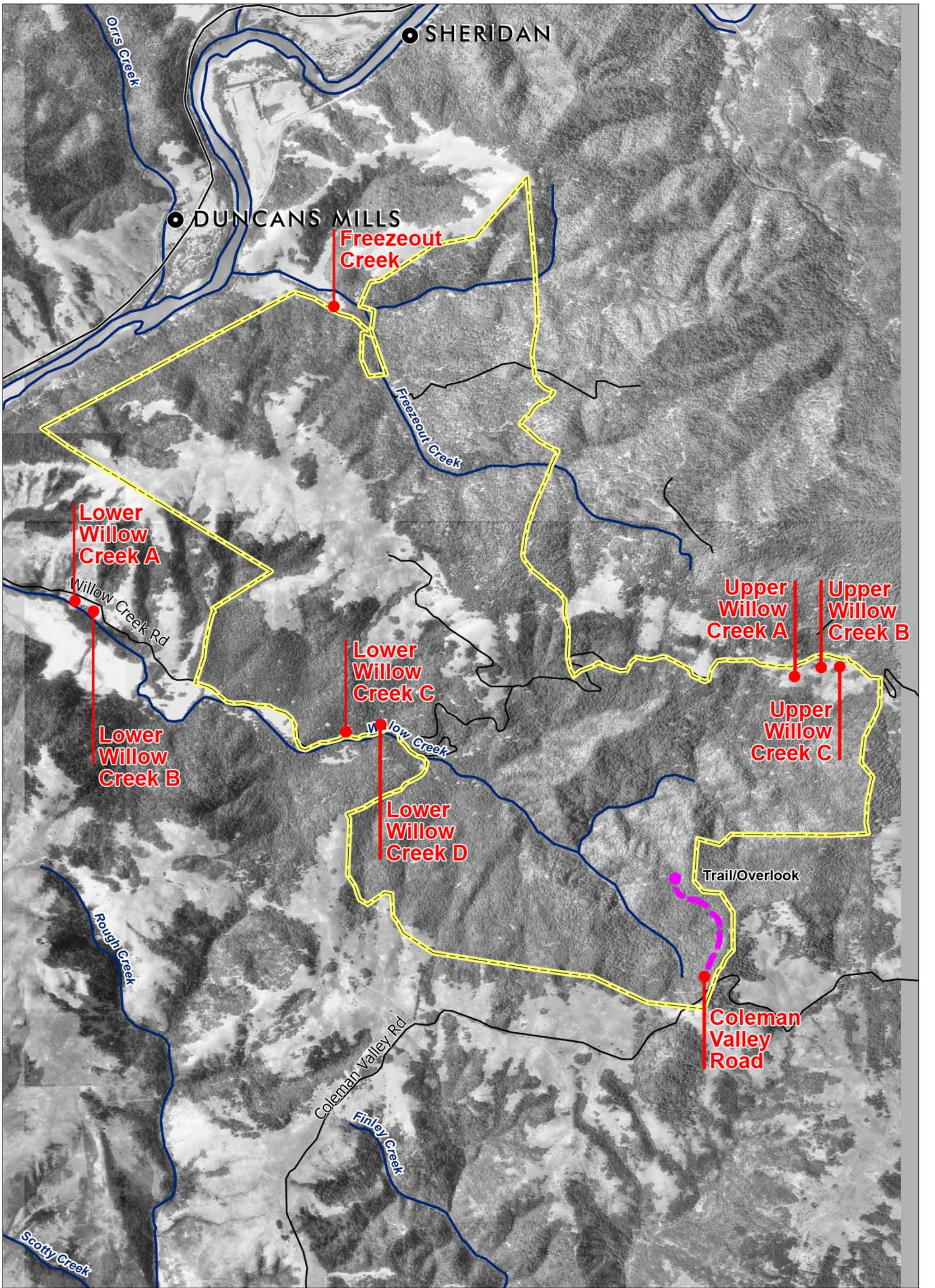
- North side of Freezeout Flat Road in the northwest portion of the site.
- Open area approximately 150' x 400'.
- Site is located adjacent to an open meadow, at the base of a hillside to the south.
- Sight lines into and out of the site are good.
- Site slopes at approximately 2-5% grade.
- An existing trail, with gate and signage begins at the east end of the access site and continues up Freezeout Creek.
- Views into the site from other areas in the Park are minimal.

Potential Use

- This site is already used as a trailhead for approximately 5-6 equestrian/trailer spaces.
- This site's close proximity to Duncan's Mills makes it an ideal candidate as a primary trailhead including an equestrian access for the Willow Creek parcel.
- The site is large enough to provide turn-around space for truck-trailer combinations, vehicle parking and day use areas.
- The addition of equestrian amenities such as manure collection, hitching posts and corrals may be possible at this site.

Considerations

- The Freezeout Flat road coming into the site is a long, narrow, one-way which may present difficulties for passing vehicles, especially those with trailers. Adding pull-outs at several points along the roadway may help alleviate this problem.
- The site is adjacent to the meadow used for civil war reenactments. The existing parking area is currently used during these events, creating a potential impact/conflict with Park users.
- Drainage adjacent to the road will need to be addressed and may require the installation of culverts or other conveyances.
- There are private property inholdings that use this access.



SONOMA COAST STATE BEACH GENERAL PLAN
WILLOW CREEK ACCESS POINTS
SITE ANALYSIS

TABLE 2.0

	UPPER WILLOW CREEK ROAD	COLEMAN VALLEY ROAD	FREEZEOUT CREEK	LOWER WILLOW CREEK ROAD
Exterior Connectivity	Good access to county roads outside park boundary. Paved road access to park from Coleman Valley rd. near Occidental. 2-way unstriped road favors local residents. Road turns to gravel at boundary. This section of road has instabilities. Current road bed slipout prevents vehicle access.	Direct gated access off of Coleman Valley Rd. (paved, striped, 2-lane) at south boundary.	Access to northeast section of park via 2-lane paved Co. roads. Close access to HWY 116 and Duncans Mills. Gated single lane unpaved road access to currently used parking / staging area.	Area served by Willow Creek Rd. from Hwy 1 at Bridgehaven via paved unstriped road in poor condition. Road subject to flooding. Access point area approx. 3 miles from Hwy. 1.
Interior Connectivity	Direct access to interior via Willow Crk. Rd. at upper elevations. Provides access through out the elevation range. WCR prone to seasonal failures. Location serves upper watershed on S.E. boundary. High potential for interior connection options.	Access connects to interior unpaved road. Gravel road steep, and ends at Seed Orchard Tract. Operational use only. Low connectivity potential due to steep slopes and high elevation of access point.	Interior access provided by Freezeout Creek Rd. Moderately steep single lane unpaved road branches to serve Freezeout Crk. Watershed and upper east WC watershed. Good potential for diverse connections / access to interior.	Most centrally located of all considered access pts. Highest potential for connection for points in WC watershed. Closest location to other existing park facilities.
Physical Characteristics (constraints & opportunities)	Area is mix of open grasslands and forest. Topography highly variable, moderate to steep, w/ pockets of gentle slopes. Localized areas of instability in open grasslands. Development opportunities limited by topography. Potential exists due to larger site selection area.	Forested area of moderate to mostly steep and complex topography. Immediate area laced with roads giving potential for small staging area close to paved road. Close by scenic overlook has public use and interpretive potential. Opportunities present for limited all access activity.	Park ownership is mostly forested and steep sloped lands. Boundary / ownership configuration, and geography constrains initial access and limits potential for staging areas. Little to no opportunity to expand on existing staging area.	Area characterized by broad valley bottom, grassland meadows, interspersed with riparian areas. Open level to gently sloping lands present greatest opportunity for staging area development.
Natural Resource Sensitivities	Potential Northern Spotted Owl habitat. Surveys will be needed prior to any construction activity. NSO activity to be considered during use and facility planning / design phase.	Northern Spotted Owl habitat. Surveys will be needed prior to any construction activity. NSO activity to be considered during use and facility planning / design phase.	Wetlands present adjacent to access and currently used staging area. Potential for listed species associated with wetlands. Northern Spotted Owl habitat. Surveys will be needed prior to any construction activity. NSO activity to be considered during use and facility planning / design phase.	Potential for wetlands and seasonal flooding. Proximity to creeks and riparian habitat.
Cultural Resource Sensitivities	Unknown at this time	Unknown at this time	Unknown at this time	Unknown at this time
Permitting Issues	CEQA, Coastal Permit for const. / change in use. USFWS consult (NSO) may be necessary.	CEQA, Coastal Permit for const. / change in use. USFWS consult (NSO) may be necessary.	CEQA, potential for USFWS (NSO) and ACE (wetlands) permits. Outside of coastal zone.	CEQA, other permits as necessary based on proposed scope of work. Coastal permit for const. / change in use.
Operational Suitability (convenience & limitations)	Furthest removed from current operations. Area linked via Willow Crk. Rd from both ends. (top-Occidental, bottom- hwy 1)	Closest access to/from Salmon Creek Ranger Station. Close and good administrative access to this and central interior of park	Closest to DPR District HDQ, removed from other park operations.	Centrally located and close to other park facilities. Minimal conflicts with adjacent ownership and land uses.
Other	Local residents on Willow Creek Road not in favor of development of public access at this location.	Scattered rural residential property in area. Minimal conflict with adjacent landowners.	Even though area is surrounded by private property, minimal conflict exists. Access shared by private property inholdings and shared access with MRC.	Due to ownership boundaries / patterns, valley bottom access to upstream locations via the valley bottom is restricted to one point on Willow Creek Rd. See map.



Potential access site - looking southwest.



Trail/road leaving access point.



Access point at Coleman Valley Road.



Overlook site looking northwest.



Overlook site looking south.



View from overlook looking northwest.

Coleman Valley Road



Trail leading east out of parking area, kiosk and manure collection bin.



Looking east from the access road - site is on the right.

Freezeout Flat



Site A - looking west - eroded roadway swale on left.



Site A - looking west - eroded roadway swale on left.



Site A - looking west.



Site A - looking northeast - eroded area/soil deposits in center of photo.



Site A - looking southwest at eroded area.

Lower Willow Creek - Site A



Site B - looking south - potential day-use bench on far right.

Lower Willow Creek - Site B



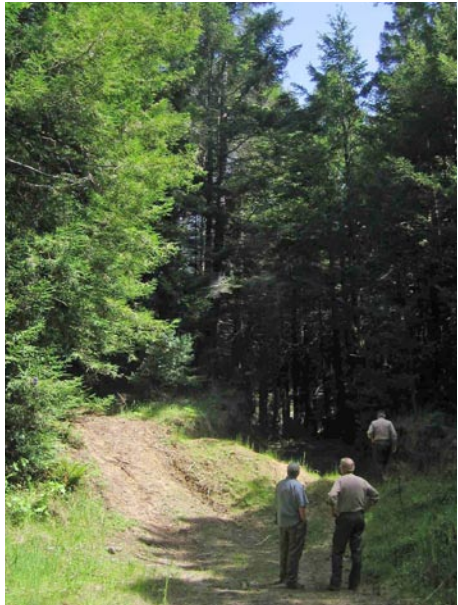
Site C - looking south towards County Road.

Lower Willow Creek - Site C

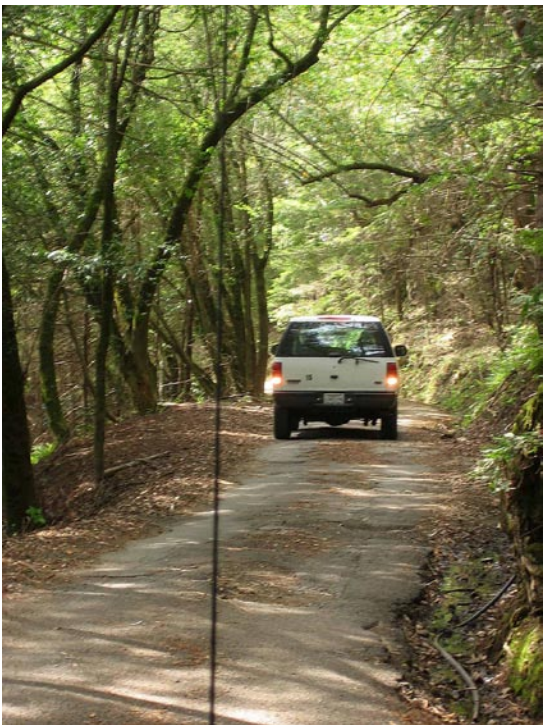


Site D - looking south towards County Road.

Lower Willow Creek - Site D



Site D - looking northeast towards existing road.



Narrow entry from residential area.



Access gate at logging road.



Access road below road wash-out.

Upper Willow Creek - Access Road



Site A - Looking southwest toward Site A at center of photo.

Upper Willow Creek - Site A



Site A - Looking northeast toward access road.



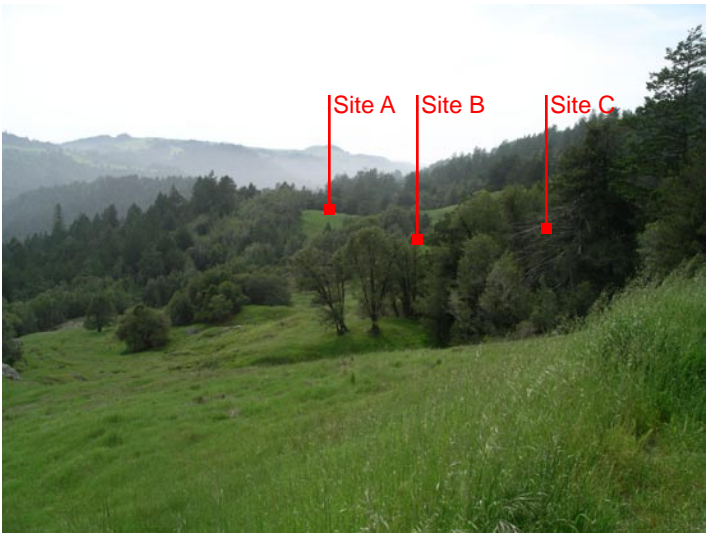
Site B - Looking southwest.

Upper Willow Creek - Site B



Site C - Looking southwest toward Site C from access road at left center of photo.

Upper Willow Creek - Site C

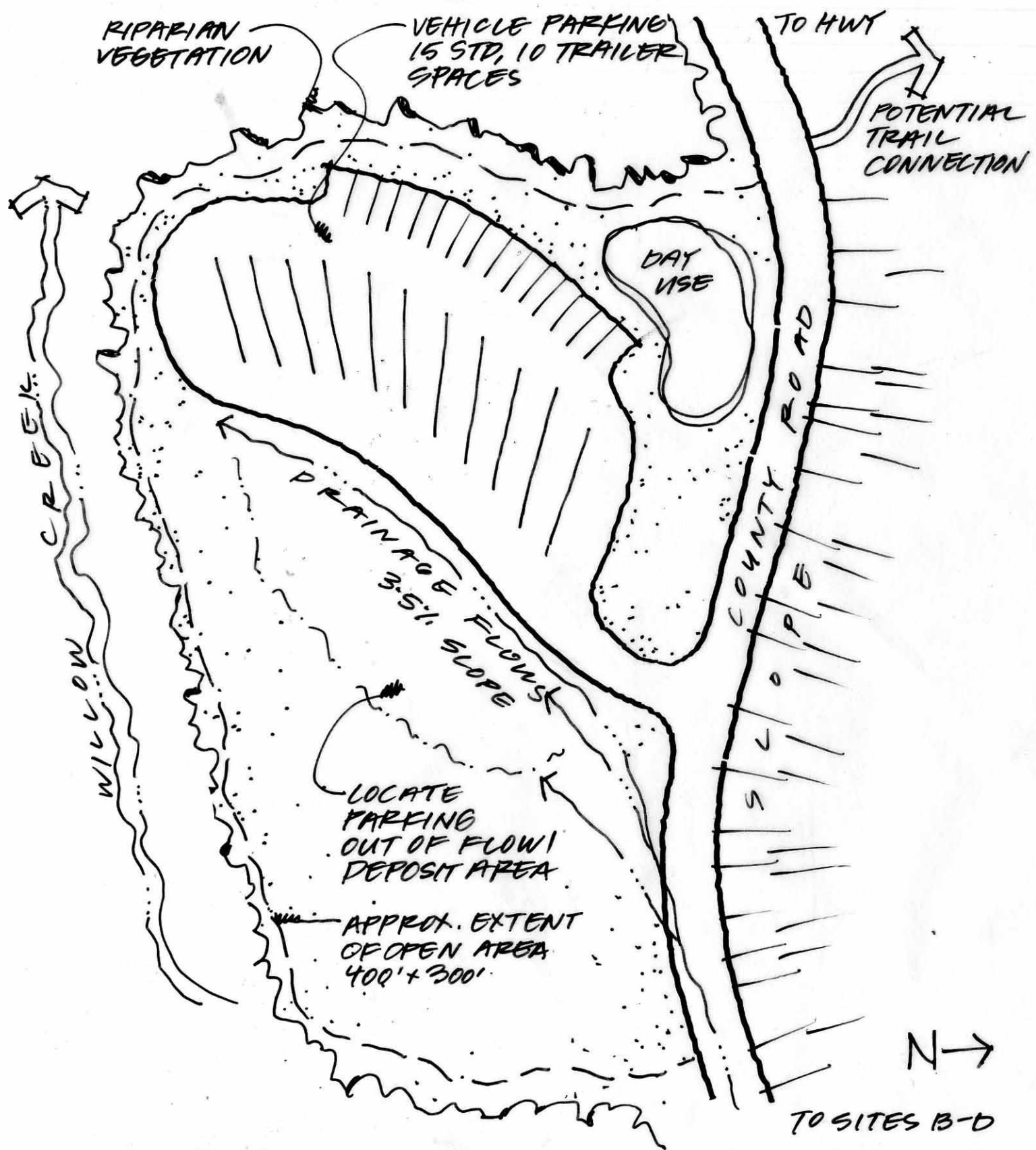


Site A - Looking southwest toward Site A at center of photo.

Upper Willow Creek - All Sites

Sonoma Coast State Beach

Willow Creek Access Evaluation



Sonoma Coast State Beach

Willow Creek Access Evaluation

Figure 1.0
Lower Willow Creek Site A

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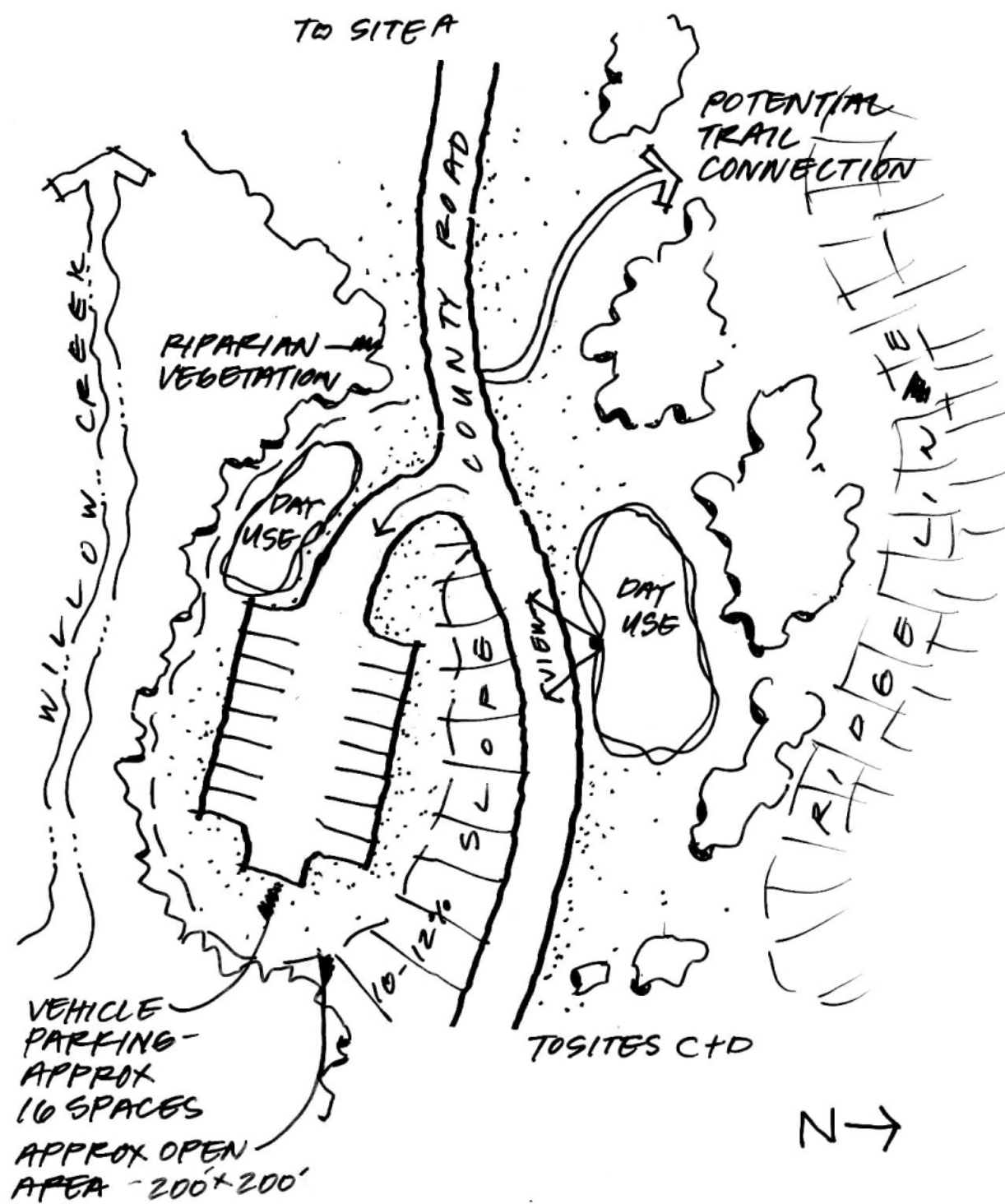


Figure 2.0
Lower Willow Creek Site B

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Willow Creek Access Evaluation

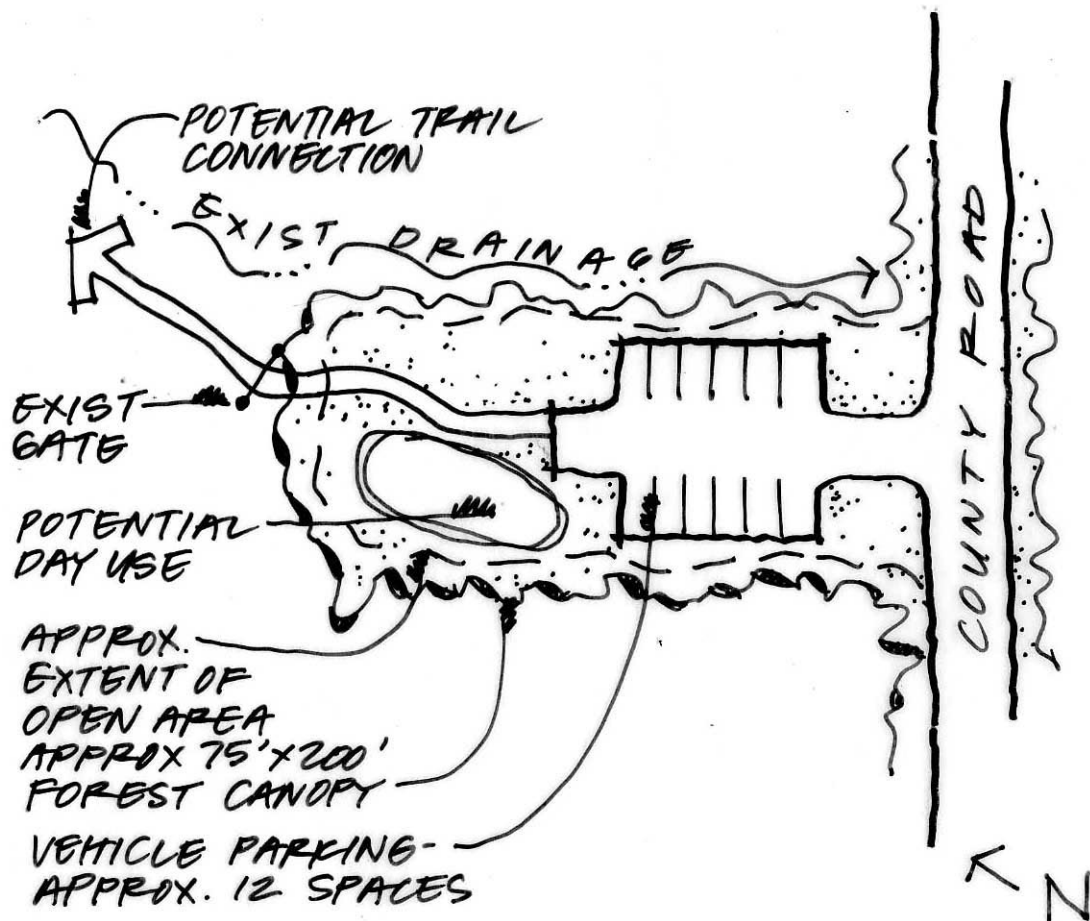


Figure 3.0
Lower Willow Creek Site C

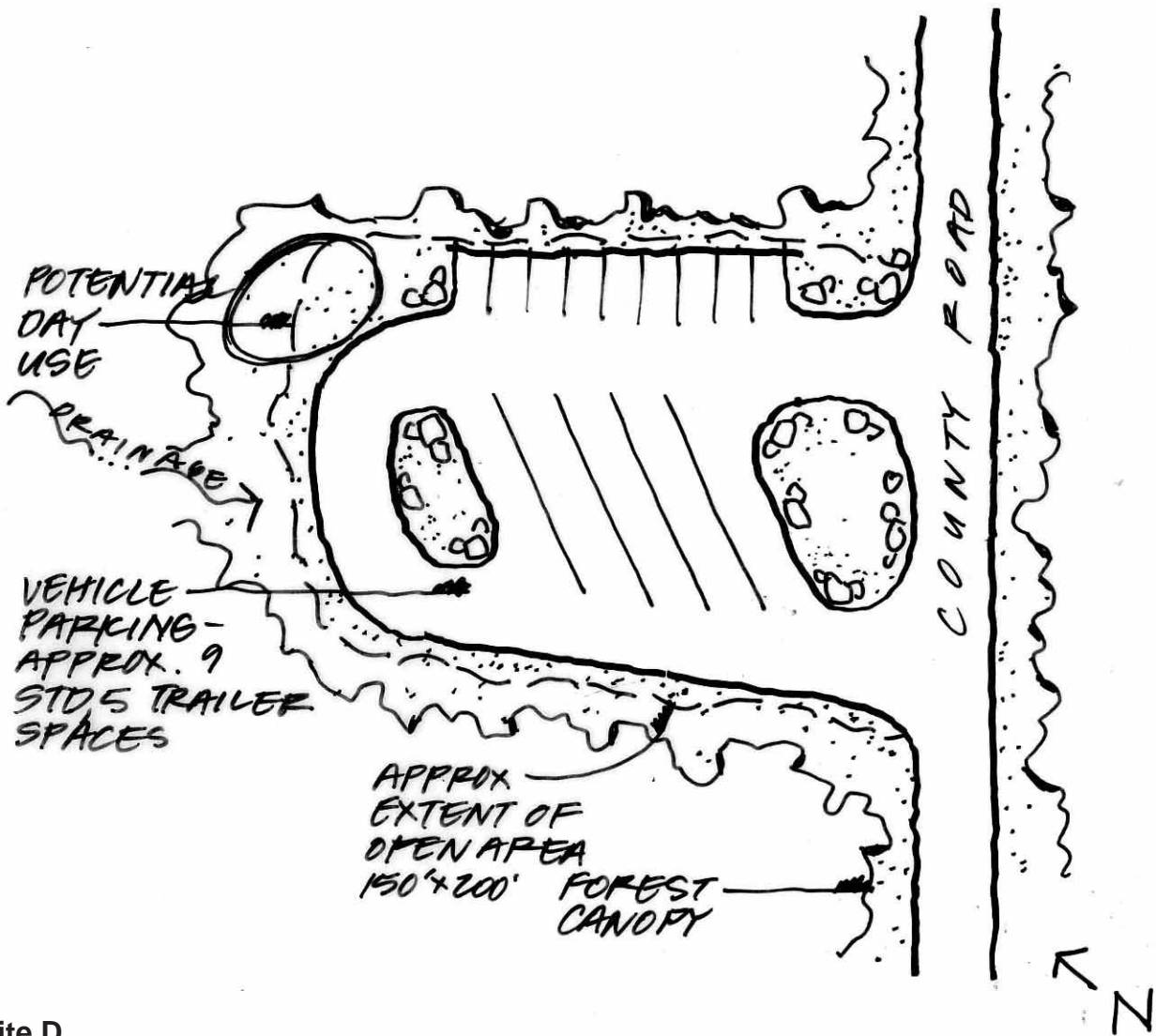
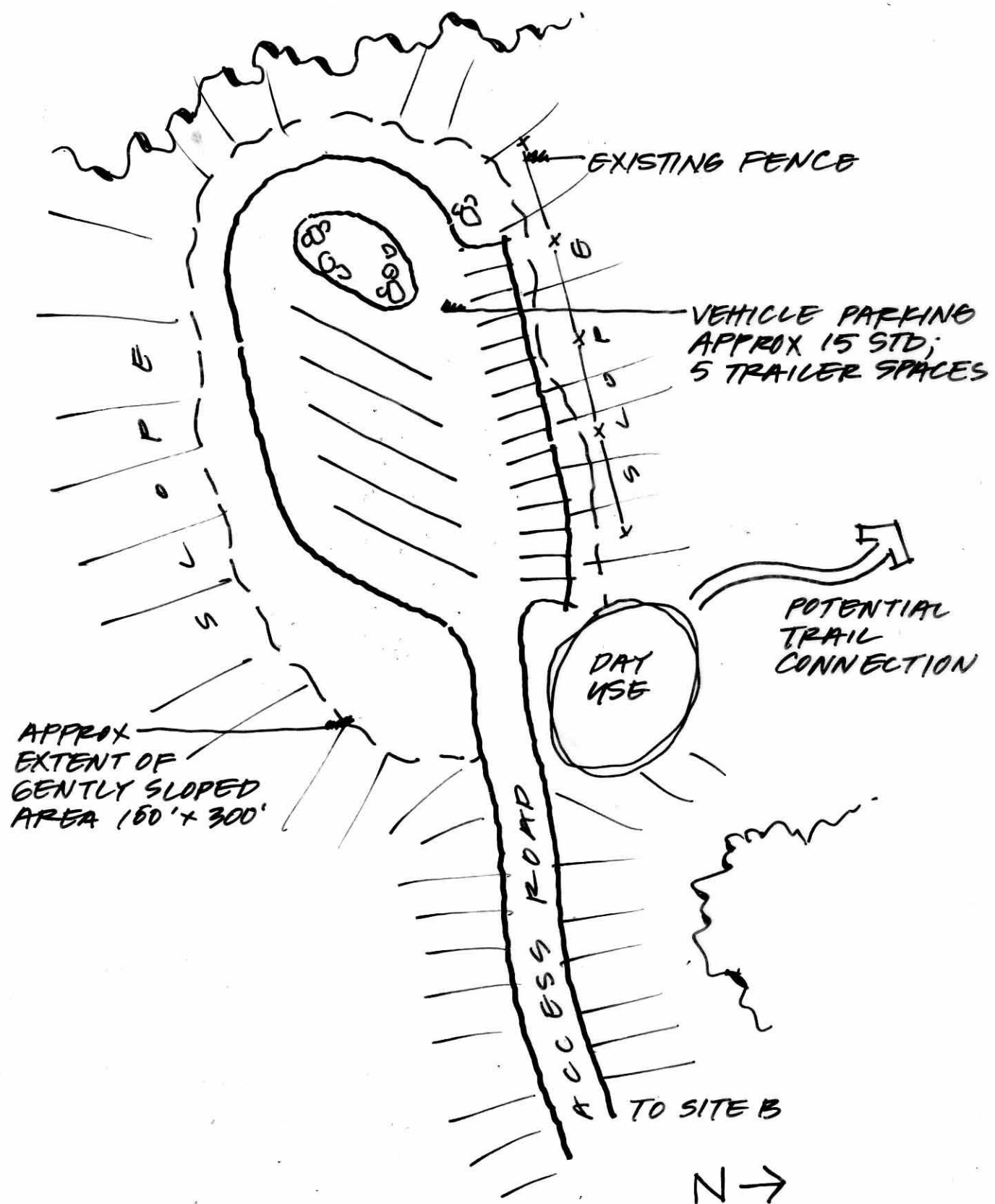


Figure 4.0
Lower Willow Creek Site D

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Willow Creek Access Evaluation



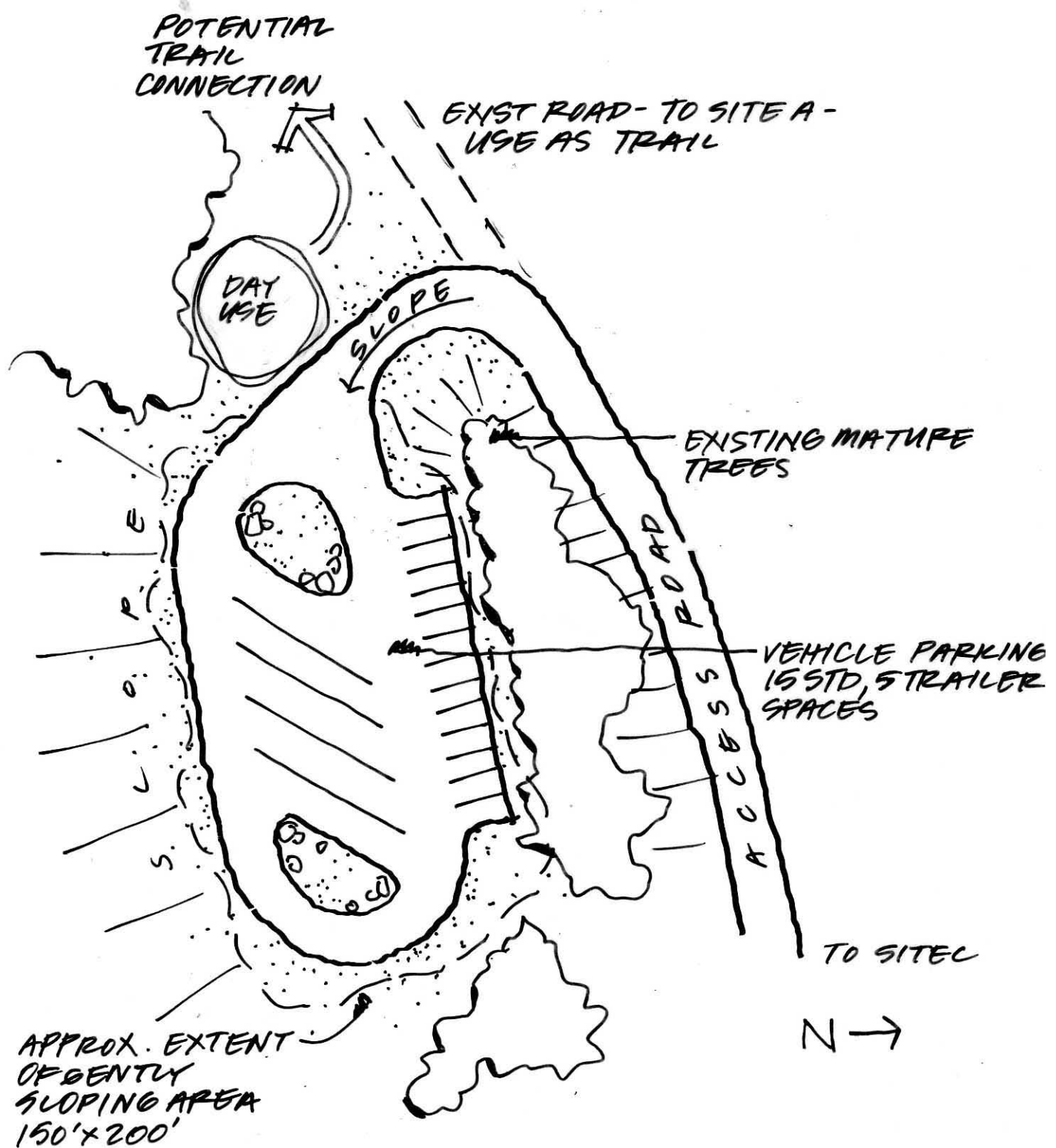
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Figure 5.0
Upper Willow Creek Site A

Jun 9, 2006

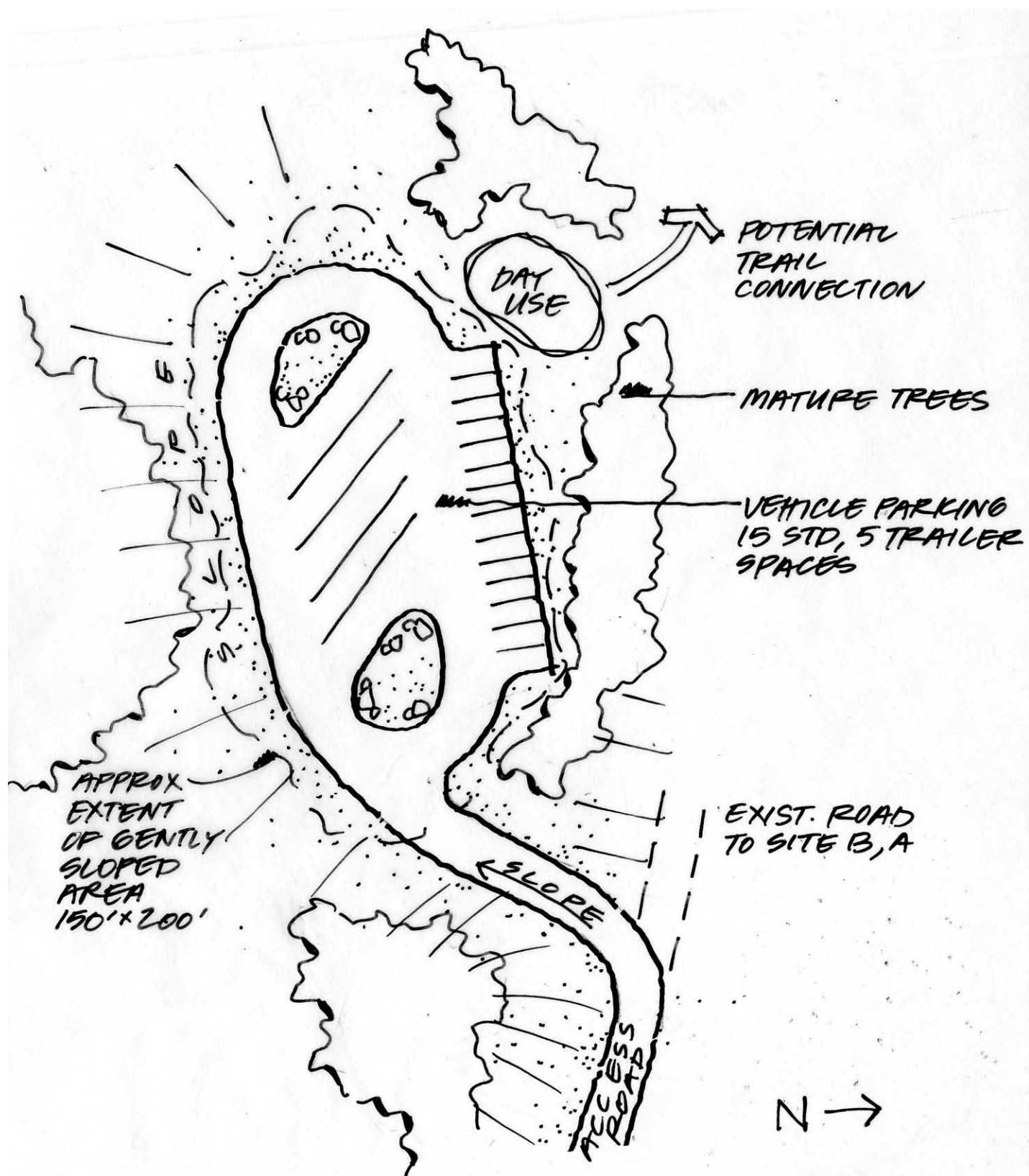
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Willow Creek Access Evaluation



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Willow Creek Access Evaluation



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Figure 7.0
Upper Willow Creek Site C

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Willow Creek Access Evaluation

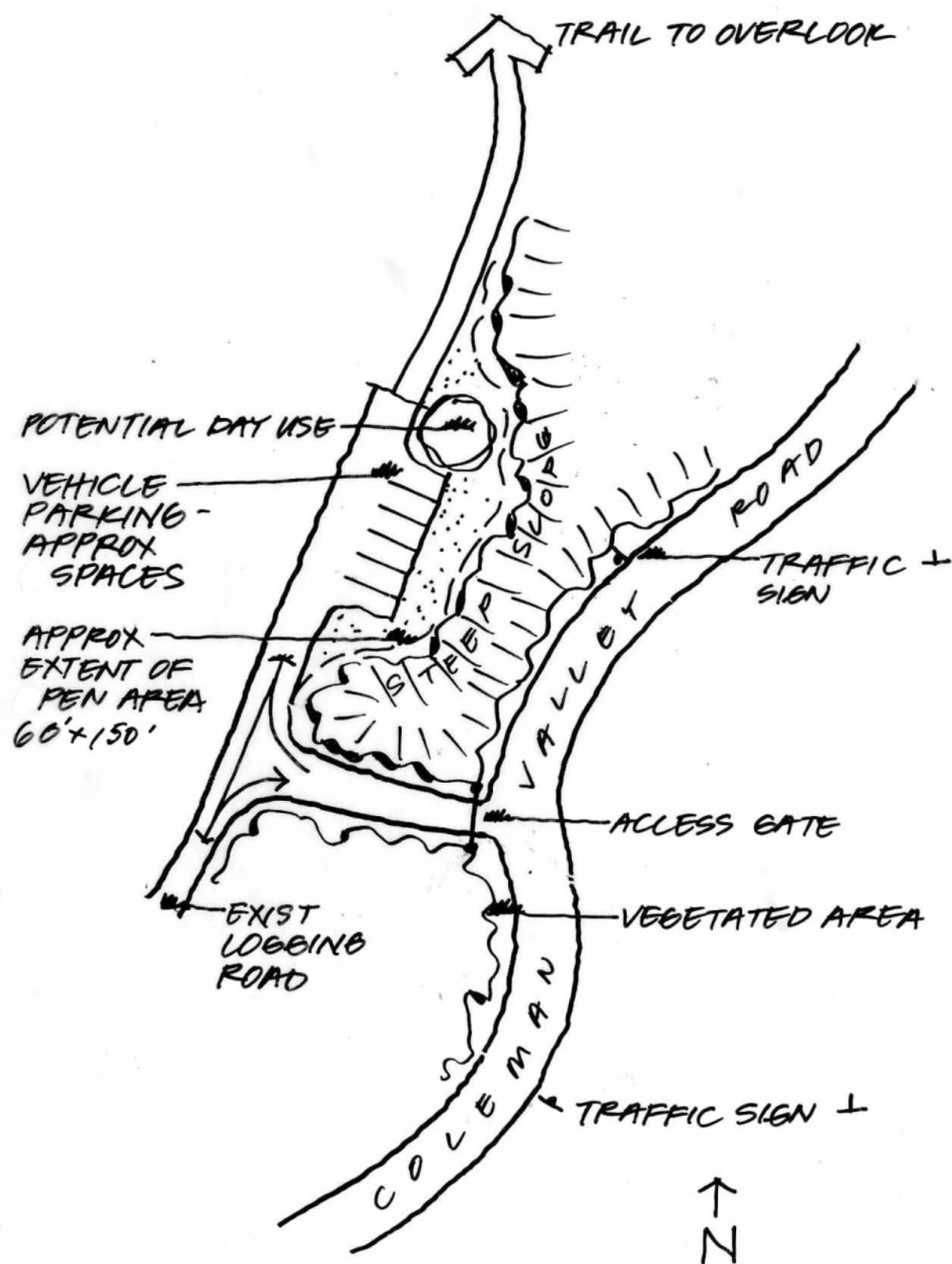


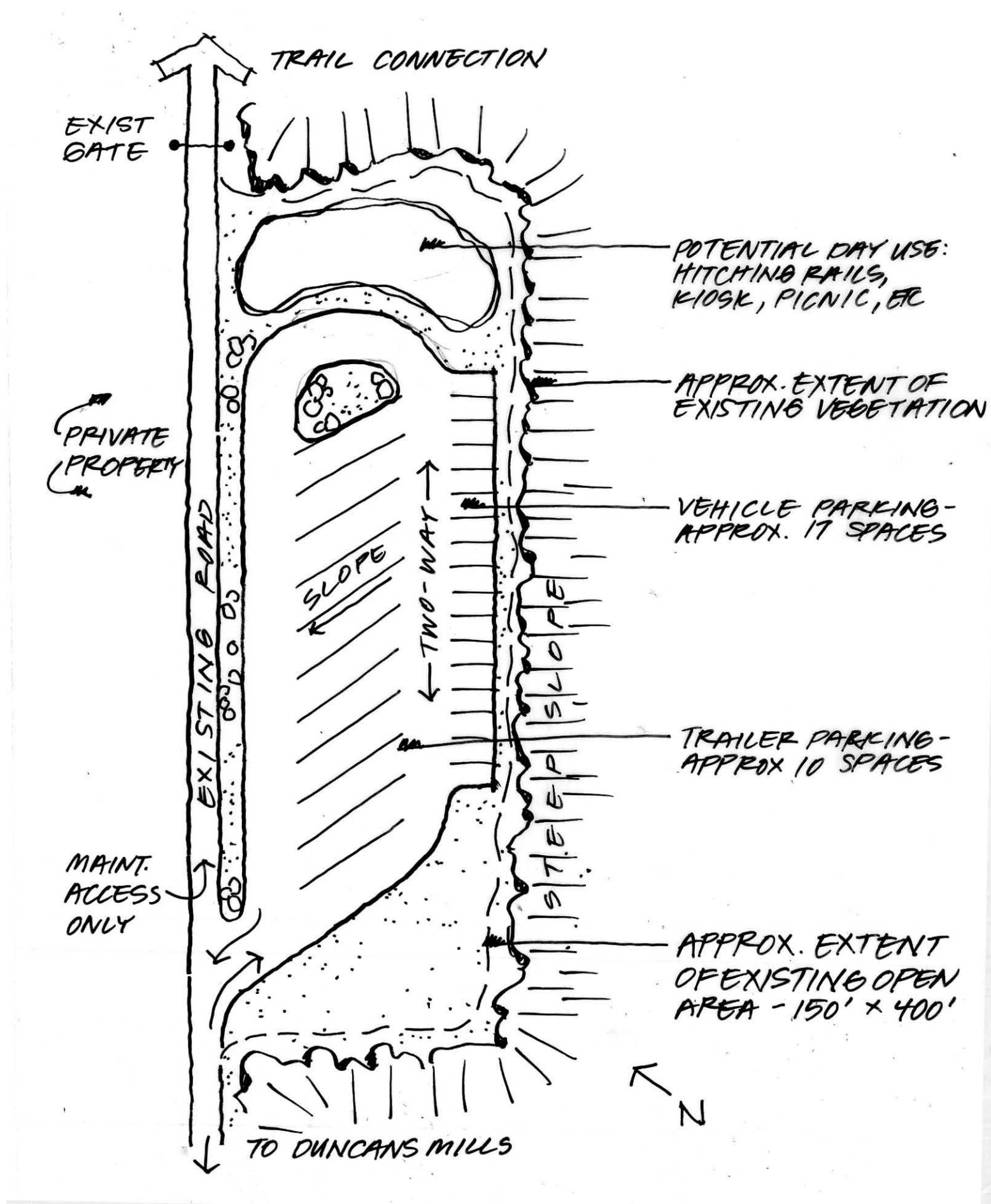
Figure 8.0
Coleman Valley Road

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Willow Creek Access Evaluation



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Willow Creek Access Evaluation

Figure 9.0
Freezeout Flat

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WILLOW CREEK ACCESS EVALUATION											
Table 1.0										June 9, 2006	
EVALUATION CRITERIA	Lower Willow Creek Site A	Lower Willow Creek Site B	Lower Willow Creek Site C	Lower Willow Creek Site D	Upper Willow Creek Site A	Upper Willow Creek Site B	Upper Willow Creek Site C	Coleman Valley Road	Freezeout Flat	NOTES	
GENERAL											
Elevation											
Vegetation Type	meadow/ disturbed	meadow	disturbed	disturbed	meadow	meadow	meadow	disturbed	existing parking site	All sites are located in existing disturbed (gravel) areas or open meadows/grasslands	
Site Size	300' x 400' 120,000 SF	200' x 200' 40,000 SF	75' x 150' 15,000 SF	150' x 200' 30,000 SF	150' x 300' 45,000 SF	150' x 200' 30,000 SF	150' x 200' 30,000 SF	60' x 150' 9,000 SF	150' x 400' 60,000 SF	Site size is approximate, based on field observations for area potentially suitable for development.	
APPROACH TO ENTRANCE											
Approach road width	+	+	+	+	-	-	-	o	-	Approach roadway width accomodates two way traffic. + = easily accomodated o = passing difficult - = passing not possible at some locations	
Existing Intersection	-	-	+	+	+	-	-	+	+	Existing intersection available for use. + = existing intersection available - = no existing intersection available	
Location Suitability	o	o	+	+	+	o	o	-	+	Existing intersection location. + = location highly suitable o = no intersections exist. modifications needed to define intersection locations - = existing intersection needs further analysis`	
Approach Grades	+	o	+	+	-	o	o	o	+	Approach to entry on roadway. + = 0 to 4% Slope o = 4 to 8% Slope - = greater than 8% slope	
Approach Visibility/Sight Lines	+	o	+	+	+	o	o	o	+	Approach to entry on roadway + = good visibilty into and out of entry o = minor modifications needed for good visibility - = major modifications needed for good visibility	
ENTRANCE											
Entry Gradient	+	o	+	+	o	-	o	-	+	Slope of entry at roadway. + = 0 to 4% Slope o = 4 to 8% Slope - = greater than 8% slope	
Entry width	+	+	+	+	+	+	+	o	+	Ease to accommodate two-way traffic - 22' min width. + = easily accomodated o = minor modifications needed - = major modifications needed	
Drainage Improvements	o	o	o	o	+	o	o	o	o	Need for drainage improvements, culverts at entrance + = not needed o = minor improvements needed - = major improvements needed	

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WILLOW CREEK ACCESS EVALUATION											
Table 1.0											June 9, 2006
EVALUATION CRITERIA	Lower Willow Creek Site A	Lower Willow Creek Site B	Lower Willow Creek Site C	Lower Willow Creek Site D	Upper Willow Creek Site A	Upper Willow Creek Site B	Upper Willow Creek Site C	Coleman Valley Road	Freezeout Flat	NOTES	
SITE VISUAL QUALITY										More detailed on-site evaluation needed to determine visibility from specific locations within and outside the Park.	
View into site from adjacent property	+	+	+	+	-	O	O	+	-	Visual quality impacts from adjacent properties + = minimal visual impacts O = moderate visual impacts - = significant visual impacts	
View of site from park property	O	O	+	+	-	O	O	+	+	Visual quality impacts from Park property/use areas. + = minimal visual impacts O = moderate visual impacts - = significant visual impacts	
Scenic view from site	O	O	-	-	+	+	+	+	-	Scenic views of Park from site + = high quality scenic views available O = moderate quality scenic views available - = no scenic views available	
SITE SUITABILITY											
Existing slope gradient	+	O	+	+	+	O	O	O	+	Slopes suitable for development + = highly suitable O = minor improvements to become suitable - = major improvements to become suitable	
On-site drainage	O	+	+	+	+	O	O	+	+	Drainage improvements needed on-site + = minimal improvements, soft swales O = moderate improvements, short culverts, soft swales - = major improvements, long culverts, extensive swales	
Off-site drainage impacts	O	O	+	+	O	O	O	O	O	Drainage impacts from site to adjacent areas + = no impacts O = minimal impacts, minor drainage improvements needed - = moderate impacts, moderate drainage improvements needed	
Hazard Tree Clearing Required	+	+	-	-	+	O	O	O	+	Hazard tree removal required + = none O = minor removals anticipated - = major removals anticipated	
Size	+	+	O	+	+	+	+	-	+	Site sized appropriately to accomodate use + = appropriately size and allows for future growth O = appropriately sized, no future growth possible - = only minor improvements possible - may not meet current needs	

SONOMA STATE BEACH											EDAW
WILLOW CREEK ACCESS EVALUATION											
Table 1.0											June 9, 2006
EVALUATION CRITERIA	Lower Willow Creek Site A	Lower Willow Creek Site B	Lower Willow Creek Site C	Lower Willow Creek Site D	Upper Willow Creek Site A	Upper Willow Creek Site B	Upper Willow Creek Site C	Coleman Valley Road	Freezeout Flat	NOTES	
SITE RESOURCES										Potential for impacts to site resources. Studies needed to confirm potential impacts. + = no impacts O = minor impacts - = major impacts	
Wetlands/riparian areas	O	O	O	O	+	+	+	+	+		
Forest areas	+	+	O	O	+	+	+	O	+		
ACCESSIBILITY POTENTIAL										Potential to provide accessible facilities and trails + = easily possible O = some modifications to site required - = accessible facilities potentially difficult to fit within site.	
Potential for adjacent accessible trails	+	+	-	-	+	O	O	+	-		
Potential for accessible overlook	+	+	-	-	+	+	+	+	-		
TRAIL ACCESS POTENTIAL										Potential to connect directly into proposed trail system - will depend on final outcome of trails plan. + = direct connection possible or already exists O = connection via road required - = connection potentially difficult.	
Potential for connection to trail system	+	O	+	+	+	O	O	+	+		